



Rocky Mountain  
Remediation Services, L.L.C.  
... protecting the environment

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CORRES. CONTROL  
LTR. NO.

July 28, 1999

99-RF-02932

99-RF-02932

DIST.	LTR	ENC
Burdick, W.J.		
Crawford, A.C.		
Cypher, N.P.		
Dunstan, L.A.		
Fiehweg, R.E.	X	X
Guinn, L.		
Huffman, F.M.		
Hughes, F.P.		
Jenkins, K.		
Law, E.D.	X	X
Motyl, K.M.		
Primrose, A.L.		
Rukavina, F.		
Wheeler, M.	X	X
CIRILLO, J.	X	X
Hickins, J.	X	X
Corres. Control	X	X
RMRS CC	X	X
Traffic		

Alan D. Rodgers  
Division Manager, Waste & Remediation Operations  
Kaiser-Hill Company, L.L.C.  
Building 130

MODIFICATION OF THE QUARTERLY STATUS REPORT FOR THE CONSOLIDATED  
WATER TREATMENT FACILITY- MW-098-99

Due to an outdated value on the Action Level Framework (ALF) Table 1, an incorrect standard for mercury of 1.0 ug/l was reported in the OU7 section of the report. Current stream standards are supposed to supersede the values reported in the ALF Table 1. Therefore, the correct standard for Mercury should be 10 ug/l, well above the 1.2 ug/l that was reported in the OU7 outfall. The RMRS compliance group will follow up with Kaiser Hill to verify that the changes to the mercury standard have taken place during the recent efforts to update the ALF Table 1.

Please find the attached new page 11 of the Quarterly Report, Consolidated Water Treatment Facility and OU7 Passive Seep Interception and Treatment System for April Through June 1999.

Please do not hesitate to contact J.R. (Russ) Cirillo on extension 5876 or digital pager 212-6192 with any questions..

CLASSIFICATION:	
UCNI	
UNCLASSIFIED	X
CONFIDENTIAL	
SECRET	

Authorized Classifier  
Signature:  
DOCUMENT CLASSIFICATION  
REVIEW WAIVER PER  
Exemption # CEX-010-98  
Date:

*M. Wheeler*  
Martin Wheeler  
Vice President  
Waste Operations

IN REPLY TO RFP CC NO.:

ACTION ITEM STATUS:  
\_\_ OPEN \_\_ CLOSED  
\_\_ PARTIAL

JRC:slm

Attachment:  
As Stated

LTR APPROVALS:

Orig. & Typist Initials:

cc:  
J. L. Butler - Kaiser-Hill - Bldg. 130  
S. J. Hahn - Kaiser-Hill - Bldg. 130



ADMIN RECORDS

V2

## SECTION B - OU7 PASSIVE SEEP INTERCEPTION AND TREATMENT SYSTEM (PSITS)

### 6.0 INTRODUCTION, OPERATIONS, AND SAMPLING

The OU7 Passive Seep Interception and Treatment System (PSITS) is designed to collect and treat OU7 seep water and thereby eliminate, to the extent practicable, the discharge of the FO39-listed waste contained in this seep water to the East Landfill Pond. The OU7 Treatment system was modified in the fourth quarter of 1998 to allow passive aeration of OU7 waters. The waters exit the landfill and flow through existing piping without GAC treatment. The water is piped to land surface and flows over stepped flagstones and a gravel bed. The collection and treatment system is comprised of the following items:

- A seep interception system.
- A settling basin to remove total suspended solids.
- Stepped flagstones and a gravel bed to encourage volatilization of contaminants.

The water before and after aeration will be sampled monthly for volatile and semivolatile organic compounds. The effluent will also be sampled monthly for metals, isotopic plutonium, uranium and americium, gross alpha and beta, and tritium.

The bag filtration system and the GAC vessels went offline on October 23, 1998 as a result of modifications to the OU7 collection and treatment system. Filter socks and GAC media were packaged according to the Waste Generating Instructions.

The new flow meter was installed on June 16, 1999.

There were no periods of system bypass during the second quarter of 1999. The EPA and CDPHE will be notified immediately in any instance where bypass continues longer than 72 hours. Periods of bypass less than 72 hours will be documented in this report.

Samples were collected at the landfill outfall (SW00196) on January 18, February 9, and March 29, 1999. In March, benzene was detected at 1.1 ug/l, which is slightly above the RFCA action level. No other constituents exceeded the RFCA action levels for the first quarter of 1999.

Samples for the second quarter were collected at the landfill outfall (SW00196) on April 12, May 18, and June 7, 1999.